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Class Specifications
for the Class:

ELECTRICIAN HELPER

Duties Summary:

Performs routine manual and semi-skilled tasks and assists an electrician in the repair, maintenance and installation of electrical systems and equipment; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the entry-level class in the Electrician series. This class differs from that of Electrician I in that the Electrician Helper performs duties which are essentially routine and repetitive, as well as manual and semi-skilled, and assists an electrician in the repair, maintenance and installation of electrical systems and equipment; whereas the Electrician I performs a variety of skilled electrical work independently as a regular and continuing work assignment and may supervise one or more electrician helpers assisting in the work.

Examples of Duties:

Replaces light fixtures, street lights, outlets, switches, breakers, and relay controls; checks traffic lights to see that they are operating properly and makes minor replacements if necessary; digs pole holes, assists in setting poles, sends up equipment and tools with a hand line, and occasionally works on poles; assists in installing cable by preparing, tinning, and wiping metals, preparing lugs, nipples, and taps, and assists in installing racks and racking cable; assists in the repairing and rewinding of electrical equipment or performs such work under immediate supervision; assists in the installation of oil circuit breakers, transformers, and similar equipment in electrical distributing stations; performs simple trouble shooting on house lines; installs, maintains and repairs smaller electrical motors, generators and related electrical and mechanical equipment; installs, maintains and repairs refrigeration units, hot plates, fans, water heaters and other similar equipment; installs, maintains, and repairs house wiring, lighting, power appliances, overhead circuits and light machinery; may perform tasks in other building trades when not utilized as an Electrician Helper.

Minimum Qualification Requirements:

Experience and Training: Two years of work experience in residential and/or commercial structural wiring and in the

installation, alteration and repair of electrical equipment, wires and apparatus; or an equivalent combination of experience and training.

Knowledge of: Basic principles and practices of the electrical trade, including safety procedures; and common tools, equipment and materials used in the electrical trade.

Ability to: Use hand and power tools common to the electrical trade; read and interpret sketches, simple plans, manuals and other materials; understand oral and written instructions; and perform heavy lifting, moving and other manual work typical of the class.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require the ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Handicaps in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition which would cause applicants to be hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

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APPROVED: October 18, 1954 /s/ A. A. Akina, Jr.
ARTHUR A. AKINA, JR.
Director of Classification

Reviewed for currency and updated on May 20, 1983.

Date: 5/20/83

JAMES H. TAKUSHI
Director of Personnel Services